

# Welcome to the Annual Montana Government IT Conference



## **2013 Montana Government Information Technology Conference and MAGIP Fall Tech Session Summary**

**December 9 – 12, 2013  
Red Lion Colonial Inn  
Helena, Montana**

### **Conference Partners**



## 2013 Montana Government Information Technology Conference

**Tuesday, December 10, 2013**

<b>7:30 am</b> <b>(Hotel Lobby)</b>	<b>Conference Registration Opens</b> (Hotel Lobby)	
<b>7:30 am – 9:30 am</b> <b>(Capitol/State)</b>	<b>CIO Breakfast</b> The CIO breakfast is open to public sector CIOs (managers of IT organizations) as well as managers of private sector IT businesses. This ‘sit-down’ breakfast will provide for conversation among the various IT leaders, both public sector and private. Each public and private organization is asked to provide one attendee to this event. Pre-registration is required to attend email <a href="mailto:pcross@mt.gov">pcross@mt.gov</a> .	
<b>10:00 am – 11:30 am</b> <b>(Natatorium)</b>	<b>Information Technology Board Meeting</b> ( <a href="http://itsd.mt.gov/policy/councils/itb/itb.asp">http://itsd.mt.gov/policy/councils/itb/itb.asp</a> )	
<b>10:00 am</b>	<b>Trade Show Opens</b>	<b>Trade Show Open 10:00 am – 6:00 pm</b>
<b>10:00 – 11:00</b> <b>Gallery</b>	<b>IVOXY Showcase</b> <ul style="list-style-type: none"> <li>• What’s new in vSphere 5.5</li> <li>• What’s new in vCD 5.5</li> <li>• What’s new in SRM 5.5</li> </ul>	
<b>11:15 – 12:15</b> <b>Gallery</b>	<b>NORTHROP GRUMMAN Showcase</b> Cyber Security and Cloud Computing for the Enterprise Organization. Check out NORTHROP GRUMMAN’S solution during this showcase.	
<b>1:00-4:00</b> <b>(Natatorium)</b>	<b>Montana Land Information Act Council</b>	
<b>12:00 – 1:30</b> <b>Lunch &amp; Keynote Address</b> <b>(Capitol/State)</b>	<b>Cyber Security – Howard Schmidt &amp; Lynne Pizzini</b>	

## 2013 Montana Government Information Technology Conference

**Tuesday, December 10, 2013  
(Continued)**

<b>(Gallery)</b>	<b>2:00 – 4:00 Local Government IT Group Meeting</b>
<b>2:30 – 3:30 (Capitol)</b>	<p><b>Are You Ready For a Software Audit?</b> According to the King Research 2008 report "Software License Compliance: A Survey of Corporate IT", 73% of IT managers believe they are not prepared for a software audit and Gartner believes that every client can expect at least one software audit during the next 12 months. Lacking a strategic solution, companies struggle with:</p> <ul style="list-style-type: none"><li>• Capturing accurate application usage data for key vendors such as SAP and selecting the most appropriate User license types</li><li>• Optimizing software spend due to an incomplete picture of what is being used compared to what is owned</li><li>• Exposure to over/under spending on software due to the complex license models and purchase agreements created by vendors</li><li>• Reconciling contracts and license entitlements with software installations</li><li>• Managing licenses in an on-going, consistent and effective way across vendors</li><li>• Software audits and unbudgeted true-up expenses due to non-compliance</li></ul> <p>Come and learn about how the business imperative is transforming from counting what you have to controlling, using and optimizing the software licenses you have while ensuring that you only buy what you need. <b>(Capitol)</b></p>
<b>4:00-8:00 (Capitol/State)</b>	<b>Live Music by Stone House</b>
<b>4:00 – 6:00</b>	<b>Drawings &amp; No Host Bar and Appetizers – Vendor Show Area</b>
<b>6:00 pm</b>	<b>Trade Show Closes</b>

## Gold Sponsors



## 2013 Montana Government Information Technology Conference

**Wednesday, December 11, 2013**

**7:30 – 8:30**

**(Judicial)**

**State CIO and Local Government Breakfast**

**8:30– 10:00**

**Keynote  
Address**

**(Ballroom)**

**Conference Kickoff-Keynote**

**Don McMillan, Technically Funny**

**10:30 –11:30**

**Breakout Sessions**

**Security: “Ghost in Your Cloud Computing”**

**Presenter: Srinivas Mukkamala, Computational Analysis and Network Enterprise Solutions (CAaNES)/New Mexico Tech - Chief Security Strategist & Chief Technology Officer of CAaNES**

In this session you be provided with information on how enterprises can discover, prioritize, and facilitate remediation of cloud centric cyber security risks (network, system, application, and processes) that are induced either by poor practices, misconfigurations, insecure coding practices, or inherent vulnerabilities. As well as information on Web Applications, Web Browsers, Drive-by Downloads, Web Shells, and a few real world scenarios where a mutant of a known malware infiltrated large complex networks using conventional and known attack vectors that are cloud centric, and key observations from this incident. **(Capitol)**

**Network: “State Network Update”**

**Presenters: Kris Harrison (Bureau Chief – Network Technology Services Bureau), Ron Heilman (Network Manager), Vince Crewey (Voice Manager), SITSD State of Montana**

SITSD’s annual SummitNet network update. During this session SITSD will be discussing the strategic direction of the statewide SummitNet network as well as the major upgrades to the State’s SummitNet network infrastructure. This session will also include an overview on how SITSD has improved the capabilities of the voice, video, and data network over the last year and how that impacts SITSD service offerings from an enterprise perspective. Discover upgrades to the State’s backbone including core connectivity, aggregation, and last mile improvements increasing access to State agencies and political subdivisions across the State. We will talk about the improved capabilities at the State of Montana data centers in Helena and Miles City along with new partnerships and collaborations across State lines. **(State)**

## Wednesday, December 11, 2013 (Continued)

**10:30 –11:30  
Breakout Sessions  
Continued**

### **GIS: “MAGIP Benefits for the GIS and IT Community in Montana”**

Presenters: **Allen Armstrong – MAGIP President, Bozeman, MT**  
**Meghan Burns – MAGIP Vice-President, Helena, MT**

The Montana Association of Geographic Information Professionals (MAGIP) provides training and professional development to GIS and IT professionals throughout Montana. MAGIP also is an influential group that can impact many state and local government actions through special interest groups, best practices, guidelines and policy decisions. MAGIP will present their most current work plan for the upcoming year and gather input from participants for additional future consideration by the Board of Directors. **(Natatorium)**

### **Application Development: “Responsive Design for Web Applications”**

Presenters: **Kelly Kallenbach (Computer Application Engineer)**

The rapid growth of mobile computing has brought about an unprecedented opportunity to connect users with information they need. One obstacle that comes with this opportunity is displaying user’s data in an efficient and effective way. Responsive design methodology attempts to tackle this obstacle by combining media queries and CSS to produce user centered, informative sites regardless of the device used. This session will cover desktop and mobile differences, CSS/Javascript integration, and strategies to overcome common mobile issues. **(Clark)**

### **Project Management: “Everything’s a Project”**

Presenters: **Ben Snyder, Systemation**

We often think the culprit to poor project results is a lack of technical knowledge and skill in project management and business analysis. While this is a contributor, it is not necessarily the only one nor even the main one. An organization’s project environment can significantly neutralize even the best efforts to bring a project in on time and budget as well as identifying and delivering on scope. Additionally, since all projects involve people, projects managers and business analyst have to be highly skilled at engaging and communicating with people. Shortcomings in these areas guarantee lackluster efforts and overall confusion. **(Lewis)**

### **Computing: “Smart Government Makes IT a ‘Must Have’ Recent Trends Have Made IT a ‘Must Have’ in Government”**

Presenters: **Jerry Mechling, Gartner Analyst**

Over the past 20 years, IT in government has grown greatly, both as an expense and a source of organizational productivity. The primary goals have shifted from productive and increasingly seamless customer service to greater transparency and participation, and, more recently, to sustainability (that is, reducing costs while continuing to meet essential service requirements). "Smart government," which addresses new needs for affordable sustainability, takes advantage of new approaches that can also help with the goals of previous phases. The role of the CIO is shifting from IT provider to member of the cross-boundary leadership team that adapts the institution's work to handle pressures caused by external turbulence. **(Gallery)**

**Wednesday, December 11, 2013  
(Continued)**

<p><b>10:30 – 11:30 Breakout Sessions Continued</b></p>	<p><b><u>Lab:</u> Microsoft Experience Center - Experience the possible with Microsoft</b></p> <p><b>Description:</b> These days, state agencies are coping with shrinking budgets as well as an increase in security challenges, as more and more employees bring their own devices and applications to work. In the Microsoft Experience Center for Government session, IT stakeholders and key business groups can come together to see how the latest Microsoft solutions can drive greater productivity and innovation in an organization. These sessions also gives you a first-hand look at the fast and fluid experience of Microsoft software, services and devices, which offer better solutions that integrate more easily into IT systems while still offering flexibility to use tablets, PCs, and smartphones at work.</p> <p><b>Hour 1: Get a head start &amp; Stay organized and mobile</b></p> <ul style="list-style-type: none"> <li>Effectively connect with colleagues; manage personal and work-related calendars, email, and documents from almost anywhere and virtually any device.</li> <li>Streamline your communications through intuitive apps that you can access directly from your favorite productivity tools with robust security.</li> </ul> <p><b>(Montana)</b></p>
<p><b>11:45 – 1:30 Lunch &amp; Key Note</b></p>	<p><b>Lunch and Key Note Jim Stickley</b></p>
<p><b>1:45 – 2:45 Breakout Sessions</b></p>	<p><b>Security: “Security Best Practices”</b></p> <p>Presenter: <b>Jeremy Witt, Cisco Systems Inc.</b></p> <p>This session will provide a high level overview of some of the common best practices used by the Industry today for computer/network security. These practices encompass the following: Management involvement, because if your security goals do not align with management’s vision then your design will be undermined resulting in upset management and a broken security policy; Secure the firewall (OSI Layer 3-4); Advance deep protocol inspection (OSI Layer 4-7); Default deny internet access (OSI Layer 7); and Computer systems. <b>(Capitol)</b></p> <p><b>Network: “What Can Your Data Centers Do For You?”</b></p> <p>Presenter: <b>Facilitated by Ed Sivils, SITSD State of Montana</b></p> <p>Learn about and access the State of Montana Data Centers through a virtual tour and presentation. Explore how the State of Montana Data Centers can provide a secure environment for your data housing. Find out what level of security you can expect; what are the DR capabilities; what are the benefits of moving your equipment into the data centers; what if you want to host with SITSD? What are the benefits? Get answers here to your data center questions as well as hear testimonies from data center customers. <b>(State)</b></p>

**Wednesday, December 11, 2013  
(Continued)**

**1:45 – 2:45  
Breakout Sessions  
Continued**

**GIS: “Location Analytics in State Government”**

Presenters: **Nathalie Smith – ESRI Regional Manager, Olympia, WA**

Location is fundamental to all aspects of business and is critical for State Government. Location Analytics is the integration of maps and geographic context to existing business systems and processes to produce greater analytic insight, better decisions, and improved outcomes. Location Analytics is how the State can leverage its IT investments and achieve better understanding of State run programs with discovering new patterns in the data, achieving greater insights, improving decision-making and ultimately achieving better outcomes. This presentation will highlight how location analytics takes advantage of the State’s investment in GIS to increase the value of other data currently held in various Business Intelligence, ERP, or CRM systems via an enterprise-wide accessible and scalable platform. **(Natatorium)**

**Application Development: “Java Frameworks: ADF vs. Wicket”**

Presenters: **KC Lesmeister (Computer Application Engineer), Kelly Kallenbach (Computer Application Engineer)**

With over 1 billion desktops using Java and Java's portability to almost any environment, it's easy to see why many developers choose Java to develop their code. Java's open-source roots can also cause some headache because anyone can create a Java development framework. Due to the numerous frameworks available, it can be difficult to select the right one for your needs. In this session we will be discussing the process of choosing a Java framework that works best for your programming needs. We will specifically be discussing the ADF and Wicket frameworks and what advantages and disadvantages each have. **(Clark)**

**Project Management: “The Value of Project Management”**

Presenter: **Panel Discussion Facilitated by Greg Schneider**

Managers from different agencies will provide background about their agency’s project management culture, such as: how project managers are selected to work on projects, whether they are used on all projects, how agencies determine project success, and the future on project management in the agency. **(Lewis)**

**Computing: “Bring Your Own Device”**

Presenters: **Jerry Otto, Senior Systems Engineer Avaya Inc.**

Consumer devices are pouring into the enterprise. Businesses can leverage BYOD—Bring Your Own Device—as a way to reduce costs, increase productivity, and enhance communication and collaboration. The challenge is how to say yes to BYOD while maintaining control of the network. Every enterprise is impacted by and talking about BYOD, but what can get lost in the conversation is the fact that BYOD is more than just device management. **(Gallery)**

**Lab Microsoft Experience Center - Experience the possible with Microsoft**

**Hour 2: Interagency Coordination & Working together efficiently**

- Experience rich collaboration and communication in high definition2 that brings people together through a variety of new enterprise-ready social tools and empowers them to work together to make better decisions.
- Create and share content across boundaries and devices.

**(Montana)**

**Wednesday, December 11, 2013  
(Continued)**

**3:00 –4:00  
Breakout Sessions**

**Security: “Where's my data? Who's looking at it? Is that their device or ours?”**

**Presenter: Mike Sangray, Carroll College - Associate Director of Campus Computing & IT for Network & Enterprise Systems**

Where's my data? Who's looking at it? Is that their device or ours? Whether we like it or not, "smart" mobile devices are upon us. Securing the device, securing the data, and ensuring the confidentiality (separation?) of personal and company data are new priorities on our to-do lists. This session explores mobile device security and helps you find a starting point for securing your mobile device outbreak (was it really an initiative?). **(Capitol)**

**GIS: “Administering ArcGIS Server 10.2 using the Administrator API: Simple Scripts That Can Make Your Life Easier”**

**Presenter: Scott Story – GIS Database Administrator, Montana State Library, Helena, MT**

The Montana State Library will present their experience with the 10.2 full release of the ArcGIS platform and how it includes enhanced functionality, stability improvements, and better support for connectivity, security, and enterprise readiness. With the introduction of new extensions to ArcGIS for Server there is now an increased set of scripts and tools for supporting ArcGIS clients. **(Natatorium)**

**Application Development: “Utilizing Microsoft e-Discovery Tools the State Has”**

**Presenter: Julian Soh, Office Solutions Specialist – State and Local Government, Microsoft**

The latest versions of Microsoft Exchange and SharePoint have significant advances in compliance capabilities and tools. This session will provide an overview of these capabilities which the State of Montana already owns as part of the Enterprise Agreement. Compliance-specific topics included in this session are:

- Auditing
- Retention
- eDiscovery
- Data Leakage Prevention
- In-Place Hold and immutability
- Case Management
- Federated and Proximity Search

**(Clark)**

**Project Management: “Interactive Techniques for Lessons Learned”**

**Presenter: Miranda Keaster, Project Manager, SITSD**

Lessons learned provide valuable insight into what it takes to make projects succeed. This presentation will demonstrate engaging techniques to gather lessons from project team members. It will step you through this process, provide tips and tricks, and share how to generate a report with the information gathered. **(Lewis)**



**Wednesday, December 11, 2013  
(Continued)**

**3:00 –4:00  
Breakout Sessions Continued**

**Computing: “Good Governance - How Electronic Records Management & Retention Policies Reduce Risk and Save Money”**

Presenter: **Genifer Graff, Records Management & eDiscovery Executive Consultant, IBM**

Learn best practices for the development of a good enterprise records program and the benefits of deploying a State-wide electronic records management solution. A good records management program should include a strategy for all agencies, counties and departments. Learn about the advantages of having common policies, the ability to secure records, and having a method to allow for legal holds for litigation purposes. A good plan must address all types of electronic content (not just email) and include a consistent retention policy approach across the enterprise.

Records Management is just one part of a good Information Lifecycle Governance (ILG) program. In addition to records management, an ILG program should include policies to manage the 75% or 95% of content that is not a record. This session will also discuss the benefits of retention management policies for all content types and why organizations should have these policies.

Come join us to learn how an effective ILG strategy which will secure your records, provide records management policies, eliminate non-essential content and allow you to defensibly disposal all records will provide the State with significant cost savings and risk mitigation. **(Gallery)**

**Computing: “Clustered Scale – Out Architectures Supporting Storage on Distributed File Systems and Cloud Stacks”**

Presenter: **Jason Burrell, Ivoxy Consultant**

Vendor agnostic look at multiple clustered scale-out storage architectures. This session will go through the different approaches to clustered storage as well as sizing for each type of architecture, reviewing application requirements and performance considerations. **(Legislative)**

**Lab Microsoft Experience Center - Experience the possible with Microsoft**

**Hour 3: Analyzing data**

- Analyze rich operational data sets to identify trends and performance and scale them across government agencies – all with current Microsoft technology.

**(Montana)**

**SIGB Meeting (Judicial)**

## 2013 Montana Government Information Technology Conference

**Thursday, December 12, 2013**

**8:30 am –  
9:30 am  
Keynote**

**Keynote: LT General Raduege**

**9:45-10:45  
Breakout Sessions**

**Security: “Implementing a Security Program Using NIST Standards – Simple Project Plan”**

Presenter: **Lynne Pizzini, State of Montana**

This session will provide information on the newly updated NIST 800-53 Rev 4 Common Controls standards and how to implement them in your organization. This session will cover a program plan for implementation including policy, planning, and risk assessments. **(Capitol)**

**Network: “Mission Possible - Network Monitoring & Recon”**

Presenter: **Ray Carlson, SITSD State of Montana**

SITSD’s network engineer will share what they are doing with Network visibility and how it relates to you. Topics will be SummitNet topology (how does my data navigate the network); how does SITSD analyze and monitor network traffic; data interpretations, and application finger printing. **(State)**

**GIS: “K-12 GIS Opportunities for Teachers and Students”**

Presenters: **Allen Armstrong – Gallatin County GIS, Bozeman, MT**  
**Carrie Shockley – Bozeman Water/Sewer GIS Specialist, Bozeman, MT**

The Montana Association of Geographic Information Professionals (MAGIP), provides an avenue to connect highly trained GIS, IT and Development professionals with interested K-8 educators, High School classrooms, 4-H student projects, FFA young adults, and University Service Learning Programs to train and offer real-world project experience for future professionals in this industry. If you believe that working with K-12 students will confine your mapping some of the most mundane features on the earth, you will be surprised. The projects these students can come up with will truly surprise the seasoned professional. Probably some of the best mobile application users out there are our K-12 students. MAGIP is now offering teacher Renewal Units for conferences/workshops attendance to train educators on web-based mapping, mobile applications and geographic science. MAGIP provides educational trunks to equip classes with field-ready GPS units for navigation, mapping and building GIS layers. Successful projects and lessons learned from K-12 projects will be discussed in this presentation. **(Natatorium)**

**Local Government IT Group Meeting (Gallery)**

**Project Management: “Getting CIOs and Business Leaders on the Same Page”**

Presenter: **Jerry Mechling, Gartner**

Attendees learn why CIOs and agency business leaders are often not on the same page, why this is arguably the most important problem facing CIOs for the next five years, and what has been proven effective in building solutions. Attendees leave with top priorities for action. **(Lewis)**

**Thursday, December 12, 2013  
(Continued)**

**9:45-10:45  
Breakout Sessions  
Continued**

**Computing: “Desktop Virtualization”**

Presenter: **Kevin Heide, Sr. Network Engineer, Corporate Technology Group (CTG)**

This presentation will define “desktop” virtualization and present the technical and business benefits. Planning and sizing issues will be presented and discussed. The implications for incorporating mobile/BYOD devices will be shared. A portion of the time will be allotted for Question and Answer. **(Clark)**

**Lab : Introduction to DNN – Web Content Management**

**Description:** Your website is one of your most valuable assets. DNN is an enterprise solution that helps bring your website to life with captivating content and engaging interactions. This lab is designed for both content editors and website administrators. Come in and learn how to use DNN to your advantage. The lab will provide users an opportunity to get hands on experience doing the following tasks:

- Adding a new page
- Adding new modules to a page
- Changing the look and feel of your site by applying ‘Skins’
- Creating security roles
- Creating user accounts
- Adding workflows to ensure that your website is reviewed and approved before being published
- Using the Open Document Library to share and collaborate on documents.

**(Montana)**

**11:00-12:00  
Breakout Sessions**

**Security: “Protecting Yourself Online”**

Presenter: **Gary Seder, Montana Division of Criminal Investigation - Agent**

This session will provide information on protecting yourself online as well as the increase of Identity theft through social network sites. The session will also discuss applications and phone features being utilized to track and monitor our daily activities. The session will provide information on the dangers of Wi-Fi use and home Wi-Fi security. **(Capitol)**

**Network: “The State of SummitNet Video”**

Presenter: **Scott Okes, SITSD State of Montana**

SITSD’s video engineer will share what is happening with the Video services. Topics include a look at current services provided; status of SummitNet video endpoints; types of connections; recent updates to the SummitNet video network which include gatekeeper upgrade, new E.164 dialing plan, added security, desktop conferencing, updated video conference recording and streaming; and displaying PC presentations over video conference. There will be opportunity for you to ask questions as well as provide feedback on the Video services. **(State)**

# 2013 Montana Government Information Technology Conference

**Thursday, December 12, 2013  
(Continued)**

**11:00-12:00  
Breakout Sessions  
Continued**

## **GIS: “Tapping Into the Power of ArcGIS Online Through the State’s Enterprise Subscription”**

**Presenter: Erin Fashoway – GIS Analyst, Montana State Library, Helena, MT**

The ArcGIS Online Community is growing rapidly. Access to online web mapping is becoming easier every day. This presentation will focus on how the use of ArcGIS Online has evolved at the Montana State Library. We will discuss how we manage and maintain our accounts; how to use existing services; how to create new services; how to create new services within ArcGIS Online; and how to leverage the investment in Montana’s Enterprise Subscription for web mapping applications.

**(Natatorium)**

## **Application Development: “Relational Database Normalization”**

**Presenters: McKinley Gunter (Lead Computer Application Engineer)**

Database normalization is the process of organizing fields and tables of a relational database to minimize redundancy and dependency. Failure to normalize a database design can lead to data integrity issues. This can become a huge stumbling block when system enhancements are planned due to new or changed business processes, integration with other systems is required, or when the system needs to be replaced. This session focuses on the forms and rules for database normalization to achieve a good structure that mitigates “garbage in, garbage out” data. **(Gallery)**

## **Project Management: “Business Process Improvement / Reengineering: High Performance Work Systems and Strategic Information Technologies”**

**Presenter: Dave Nagel, DEQ and Roy Hernandez, ThirdWave**

DEQ is working on several IT projects. These projects initiated the need for reviewing business processes and the mapping and developing requirements for (1) business process improvement and (2) new IT solutions. After reviewing a number of options, DEQ tried two different methods. This presentation will outline some of the pros and cons of each method. **(Lewis)**

## **Computing: “Virtualization, Why and When?”**

**Presenter: James Wood, Sr. Systems Engineer, VMware**

What are the use cases for mobility and virtual end user computing, in state and local government? **(Clark)**

## **Lab : Introduction to DNN – Web Content Management**

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**(Montana)**

## 2013 Montana Government Information Technology Conference

**Thursday, December 12, 2013  
(Continued)**

**12:00 – 1:30  
Lunch**

**John Walsh, ITMC Awards, Panel Discussion**

**1:45 – 2:45  
Breakout Sessions**

**Security: “User Education”**

Presenter: **Lisa Vasa, State of Montana**

This session will provide information about implementing cyber security training and awareness programs within your organization. We will be discussing the SANS Securing the Human (STH) training and SITSD awareness events as well as discussing resources available for helping design your programs. **(Capitol)**

**Network: “Wireless Unplugged”**

Presenter: **Mark Scherting, SITSD State of Montana**

SITSD’s wireless network engineer will provide a comprehensive look at the history of the State’s wireless network (how we got to where we are at), where we are now, and what does the future hold for wireless technology in the State of Montana. **(State)**

**GIS: “Mobile Application Development at the State Level”**

Presenter: **Miles Wacker – MDOT Geospatial Systems Analyst, Helena, MT**

Montana’s Department of Transportation has built a successful MDTMobile cross platform application that provides traveler information focused on the State of Montana. For agencies looking to develop similar applications for their customers, there is a definite learning curve and protocol to follow within an organizations structure. Governments are changing to meet the needs of their customers and provide a level of information access users are accustomed to from private business. This presentation will touch on the changes in technology to be aware of and the lessons learned from developing and publishing apps. **(Natatorium)**

**Application Development: “Replacing Legacy Oracle Applications” Part 1**

Presenters: **Barry Fox (Computer Guy), McKinley Gunter (Lead Computer Application Engineer), KC Lesmeister (Computer Application Engineer)**

Twenty years ago software development moved into an era of database backed rich graphical development systems termed Fourth Generation Languages (4GL’s.) Oracle Forms and Reports became one of the premier 4GL development tools with great usage within private industry as well as government. There has been a subsequent movement of application development to web based systems. In the meantime, there are thousands of Oracle Forms and Report applications that continue to run but are reaching end of life. The session will discuss issues related to the replacement of legacy Oracle Forms and Reports applications followed by a case study of an Oracle Forms replacement project undertaken by the State of Montana. **(Gallery)**

## Thursday, December 12, 2013 (Continued)

### 1:45 – 2:45 Breakout Sessions Continued

#### **Project Management: “Matching Business Requirements with Technology Decisions”**

**Presenter:** Jennifer McNeill, Senior Manager, Oracle Corporation’s Public Sector Team

For many years, our IT decisions have been made based on definitions provided by IT departments and end users. Although those decisions were often important to ensure IT was operational, they didn't always meet the business requirements to allow the organization to provide services to constituents and function efficiently. This session will review ways to make technology decisions based on business requirements both now, and in the future. Participants will learn the value of defining these requirements before starting projects and how to ensure that software purchased actually makes sense and can be implemented successfully. **(Lewis)**

#### **Computing: "Mobile Application Development Trends and Emerging Methodologies of Convergence"**

**Presenter:** Jay Cuthrell, Office of the CTO, VCE

This technical presentation will highlight historic and recent shifts to mobile application development trends that satisfy consumption patterns aligned to increasingly mobile focused strategies. Supporting these shifts are emerging methodologies centered upon simplification and convergence. An examination of these convergence concepts will show how it is possible to accelerate and promote quickening of development, testing, QA/QC, to achieve both continuous and conspicuous deployment. Application owners, mobile strategy stakeholders, and business process application decision makers are encouraged to attend. **(Judicial, Legislative)**

#### **Lab : Introduction to DNN – Web Content Management**

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**(Montana)**

**Thursday, December 12, 2013  
(Continued)**

**1:45 – 2:45  
Breakout Sessions  
Continued**

**Computing: “Talent Pipeline Management” - Succession Planning – A High Stakes Process” Part1**

Presenter: **Panel members: Wendy Samson, Future SYNC International, Dr. Latha S. Vellanki, founder of Tech Tips and Nano Nails, Pam Bucy, Commissioner, Montana Department of Labor and Industry, Nancy Butler, General Counsel, Montana State Fund, Anna Doran, Business Owner and Helena’s 2013 Business Woman of the Year**

Facilitated by: **Sheila Hogan, Director of the Montana Department of Administration**

Today’s most successful businesses and organizations are implementing strategies that value and leverage the intellectual intelligence and talent of all employees, and engage them in dynamic projects and collaborations. In this panel discussion, highly successful leaders in Montana’s workforce will provide valuable insight and perspective on creating a workplace culture that models its core values, embraces the qualities of different generations and genders, and develops strong leaders.

You will learn valuable skills to assist you in:

- Improving the retention of talented people
- Leveraging the EQ power of women in leadership
- Adding value to the organizations’ strategic direction
- Leveraging the intellectual capital of top talent

Key Lessons:

- Develop future leaders from WITHIN
- Understand the power of meaningful influence and Emotional Intelligence
- Manage employee engagement—it protects your "pipeline"
- Connect the dots between core beliefs, preferences, decisions, and behaviors
- Get the target right—commit to future-based competencies
- Facilitate continuous improvement through well-crafted development plans
- Understand the science behind role modeling
- Use standards and values to guide your succession planning process

**(Clark)**

**3:00-4:00  
Breakout  
Sessions**

**Security: “Disaster Recovery: Understanding the Tactical Component of a Business Continuity Plan”**

Presenter: **Jason Schaller, Anderson Zurmuehlen - Information Security Manager**

In this session you will learn difference between business continuity and disaster recovery, and discuss the different parts of a disaster recovery plan including business impact and risk assessment, contingency planning, recovery time objectives, recovery site models, and datacenter recovery plans. Organizations without a disaster recovery plan will learn how to start a plan, and those with existing plans can learn how to make them better. **(Capitol)**

## 2013 Montana Government Information Technology Conference

### Thursday, December 12, 2013 (Continued)

#### 3:00-4:00 Breakout Sessions Continued

**Network: “Everything You Always Wanted to Know About SummitNet Operations, but Were Afraid to Ask”**

**Presenter: Facilitated by Mike Raczkowski, Department of Corrections State of Montana**

This session is an opportunity for SummitNet customers to ask SITSD’s Network Technology Services Bureau experts questions about the State of Montana’s network. It will be facilitated by Mike Raczkowski with the Department of Corrections. **(State)**

**GIS: “Python Special Interest Group Meeting”**

**Presenter: Members and Interested Members of Special Interest Group**

If you are user of Python or connected with a group supporting users of Python, we encourage you to attend this MAGIP-Supported new Special Interest Group that is developing around the use and development of the Python language. MAGIP offers a forum for SIG members to share ideas, collaborate on projects, exchange technology and develop standards and procedures among their special interest. A dedicated place and presence under the MAGIP web site for posting news and events as well as membership contact for all members to collaborate will be established. MAGIP SIGs have access to the MAGIP board in an advisory capacity that may affect policy, standards, work plans, etc. **(Natatorium)**

**Application Development: “Replacing Legacy Oracle Applications” Part 2**

**Presenters: Barry Fox (Computer Guy), McKinley Gunter (Lead Computer Application Engineer), KC Lesmeister (Computer Application Engineer)**

Twenty years ago software development moved into an era of database backed rich graphical development systems termed Fourth Generation Languages (4GL’s.) Oracle Forms and Reports became one of the premier 4GL development tools with great usage within private industry as well as government. There has been a subsequent movement of application development to web based systems. In the meantime, there are thousands of Oracle Forms and Report applications that continue to run but are reaching end of life. The session will discuss issues related to the replacement of legacy Oracle Forms and Reports applications followed by a case study of an Oracle Forms replacement project undertaken by the State of Montana. **(Gallery)**

**Project Management: “The Business Architecture and Process Duet”**

**Presenter: Dan Drislane, Frontier Strategies, Inc.**

Business architecture and business processes are the silent partners in peak-performing organizations. Becoming architecture- and process-centric can help organizations boost quality, efficiency and productivity. This presentation gives an overview of business architecture and business process improvement. It discusses why organizations should focus on these two important areas before making organizational changes or making new technology decisions. **(Lewis)**



## Thursday, December 12, 2013 (Continued)

**3:00-4:00  
Breakout Sessions  
Continued**

### **Lab : Introduction to DNN – Web Content Management**

**Description:** Your website is one of your most valuable assets. DNN is an enterprise solution that helps bring your website to life with captivating content and engaging interactions. This lab is designed for both content editors and website administrators. Come in and learn how to use DNN to your advantage. The lab will provide users an opportunity to get hands on experience doing the following tasks:

- Adding a new page
- Adding new modules to a page
- Changing the look and feel of your site by applying ‘Skins’
- Creating security roles
- Creating user accounts
- Adding workflows to ensure that your website is reviewed and approved before being published
- Using the Open Document Library to share and collaborate on documents.

**(Montana)**

### **Computing: “Talent Pipeline Management” - Succession Planning – A High Stakes Process” Part 2**

**Presenter: Panel members: Wendy Samson, Future SYNC International, Dr. Latha S. Vellanki, founder of Tech Tips and Nano Nails, Pam Bucy, Commissioner, Montana Department of Labor and Industry, Nancy Butler, General Counsel, Montana State Fund, Anna Doran, Business Owner and Helena’s 2013 Business Woman of the Year**

**Facilitated by: Sheila Hogan, Director of the Montana Department of Administration**

Today’s most successful businesses and organizations are implementing strategies that value and leverage the intellectual intelligence and talent of all employees, and engage them in dynamic projects and collaborations. In this panel discussion, highly successful leaders in Montana’s workforce will provide valuable insight and perspective on creating a workplace culture that models its core values, embraces the qualities of different generations and genders, and develops strong leaders.

You will learn valuable skills to assist you in:

- Improving the retention of talented people
- Leveraging the EQ power of women in leadership
- Adding value to the organizations’ strategic direction
- Leveraging the intellectual capital of top talent

**Key Lessons:**

- Develop future leaders from WITHIN
- Understand the power of meaningful influence and Emotional Intelligence
- Manage employee engagement—it protects your "pipeline"
- Connect the dots between core beliefs, preferences, decisions, and behaviors
- Get the target right—commit to future-based competencies
- Facilitate continuous improvement through well-crafted development plans
- Understand the science behind role modeling
- Use standards and values to guide your succession planning process

**(Clark)**